

(viii) CLAIMS APPENDIX

1-10 and 15. Cancelled.

~~11.~~¹ Shaped article obtained by compression of one or more fiber layers containing polyolefin fibers, wherein the fiber layers contain 0.05 to 5 wt.% of a solvent for the polyolefin, relative to the total weight of the polyolefin fibers and solvent in the fiber layer.

~~12.~~² Shaped article containing two or more fiber layers compressed on top of one another, said fiber layers containing polyolefin fibers and 0.05 to 5 wt.% of a solvent for the polyolefin on and/or in the fibers.

~~13.~~³ Shaped article according to Claim 11, wherein the SEA on impact of an AK47 MSC point is at least 115 J/kg/m².

~~14.~~⁴ Shaped article containing two or more fiber layers compressed on top of one another, containing highly oriented polyethylene fibers having a modulus of tension of at least 800 g/den and a tensile strength of at least 30 g/den, and at most 30 wt.% of a matrix material, relative to the total weight of the fiber layer, the fibers in the fiber layers being unidirectionally oriented and at an angle relative to the fibers in neighbouring fiber layers, said fibers having an intrinsic viscosity of at least 5 dl/g, and a fineness of less than 5 denier per filament and 0.05 to 5 wt.% of a non-volatile solvent, said shaped article having a specific energy absorption on impact of an AK47 MSC point of at least 115 J/kg/ m².

~~16.~~⁵ A shaped article according to Claim 12, wherein the polyolefin fibers are highly oriented polyethylene fibers having an intrinsic viscosity of at least 5 dl/g, a tensile strength of at least 30 g/den, and a modulus of tension of at least 800 g/den.

~~17.~~⁶ A shaped article according to Claim 12, wherein the solvent has been applied by distributing the solvent on one or more of the fiber layers before compression.

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18. A shaped article according to Claim 12, wherein the fiber layers before compression contain solvent-containing polyolefin fibers with a solvent content of 0.05 to 5 wt.%.

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19. A shaped article according to Claim 12, wherein the polyolefin fibers comprise polyethylene fibers having a fineness of less than 5 denier per filament.

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20. A shaped article according to Claim 12, wherein the fiber layers comprise unidirectionally oriented fibers, the direction of the fibers in the fiber layers being at an angle relative to that of the neighboring fiber layers.

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21. An anti-ballistic shaped article comprising the shaped article according to Claim 12, wherein the solvent content is 0.1 to 2 wt%.

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22. An anti-ballistic shaped article comprising the shaped article according to Claim 12, wherein the polyolefin fibers comprise polyethylene and wherein the χ -parameter of the solvent relative to polyethylene, at 289 °K, is less than 0.5.

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23. An anti-ballistic shaped article comprising the shaped article according to Claim 12, wherein the solvent is a non-volatile paraffin.

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24. An anti-ballistic shaped article comprising the shaped article according to Claim 11, which has been compressed at a pressure which is higher than 165 bar, at a compression temperature which is higher than 125°C and with a solvent content from 0.1 to 2 wt %.